

Abstract of the Disclosure

A system is disclosed that provides a goal based learning system utilizing a rule based expert training system to provide a cognitive educational experience. The system provides the user with a simulated environment that presents a training opportunity to understand and solve optimally. The system utilizes an artificial intelligence engine driving individualized and dynamic feedback with synchronized audio, video, graphics and animation used to simulate real-world environment and interactions. Multiple "correct" answers are integrated into the learning system to allow individualized learning experiences in which navigation through the system is at a pace controlled by the learner. Multiple users or students can utilize the simulated environment simultaneously and interactively from multiple viewpoints. A dynamic feedback system is utilized that narrowly tailors feedback and focuses it based on the performance and characteristics of the student to assist the student in reaching a predefined goal.